AMENDMENTS TO THE CLAIMS

1. (currently amended) A method for matching customer requirements communicated from a customer to a corresponding software design, the method comprising:

gathering the customer requirements communicated from the customer;

generating a machine-readable transcript of the customer requirements;

running a lexical analysis of said machine-readable transcript, said lexical analysis thereby generating an output therefrom, said output including one or more diagrammed sentences;

mapping said output of said lexical analysis into object-oriented constructs; and

creating a high-level language design from an output of said mapping; and reiterating one or more of the above steps so as to render the high-level language in conformance with the customer requirements.

2. (original)   The method of claim 1, wherein:

the customer requirements are communicated orally; and

said machine-readable transcript of the customer requirements is generated with voice recognition software.

3. (original)   The method of claim 1, wherein:

the customer requirements are communicated in writing; and

said machine-readable transcript of the customer requirements is generated with optical character recognition software.

4. (original)   The method of claim 1, wherein said machine-readable transcript of the customer requirements is generated from a computer file.

5. (original)   The method of claim 1, wherein said mapping said output of said

2

lexical analysis into object-oriented constructs further comprises:

mapping nouns from said lexical analysis to objects; and

mapping verbs from said lexical analysis to process flows between said objects.

6. (original)   The method of claim 5, wherein said mapping said output of said lexical analysis into object-oriented constructs further comprises:

mapping pronouns from said lexical analysis to said nouns antecedent thereto;

mapping adjectives from said lexical analysis to said nouns; and

mapping prepositions from said process flows between said objects.

7. (original)   The method of claim 1, wherein said high-level language design is created in a language selected from the group consisting of C++, Java, and ADA.

8. (original)   The method of claim 1, further comprising:

implementing a first-order predicate calculus analysis of said machine-readable transcript, said first-order predicate calculus used for additional mapping into said object-oriented constructs.

3

9. (currently amended)   A storage medium encoded with a machine readable computer program code for matching customer requirements communicated from a customer to a corresponding software design, the storage medium including instructions for causing a computer to implement a method, the method comprising:

gathering the customer requirements communicated from the customer;

generating a machine-readable transcript of the customer requirements;

running a lexical analysis of said machine-readable transcript, said lexical analysis thereby generating an output therefrom, said output including one or more diagrammed sentences;

mapping said output of said lexical analysis into object-oriented constructs; and

creating a high-level language design from an output of said mapping; and reiterating one or more of the above steps so as to render the high-level language in conformance with the customer requirements.

10. (original)   The storage medium of claim 9, wherein:

the customer requirements are communicated orally; and

said machine-readable transcript of the customer requirements is generated with voice recognition software.

11. (original)   The storage medium of claim 9, wherein:

the customer requirements are communicated in writing; and

said machine-readable transcript of the customer requirements is generated with optical character recognition software.

12. (original)   The storage medium of claim 9, wherein said machine-readable transcript of the customer requirements is generated from a computer file.

13. (original)   The storage medium of claim 9, wherein said mapping said

4

output of said lexical analysis into object-oriented constructs further comprises:

      mapping nouns from said lexical analysis to objects; and

      mapping verbs from said lexical analysis to process flows between said objects.

14. (original)   The storage medium of claim 13, wherein said mapping said output of said lexical analysis into object-oriented constructs further comprises:

      mapping pronouns from said lexical analysis to said nouns antecedent thereto;

      mapping adjectives from said lexical analysis to said nouns; and

      mapping prepositions from said process flows between said objects.

15. (original)   The storage medium of claim 9, wherein said high-level language design is created in a language selected from the group consisting of C++, Java, and ADA.

16. (original)   The storage medium of claim 9, further comprising:

      implementing a first-order predicate calculus analysis of said machine-readable transcript, said first-order predicate calculus used for additional mapping into said object-oriented constructs.

17. (currently amended)   A computer data signal for matching customer requirements communicated from a customer to a corresponding software design, the computer data signal comprising code configured to cause a processor to implement a method, the method comprising:

      gathering the customer requirements communicated from the customer;

      generating a machine-readable transcript of the customer requirements;

      running a lexical analysis of said machine-readable transcript, said lexical analysis thereby generating an output therefrom, said output including one or more

5

diagrammed sentences;

mapping said output of said lexical analysis into object-oriented constructs; and

creating a high-level language design from an output of said mapping; and

~~reiterating one or more of the above steps so as to render the high-level language in conformance with the customer requirements.~~

18. (original)   The computer data signal of claim 17, wherein:

the customer requirements are communicated orally; and

said machine-readable transcript of the customer requirements is generated with voice recognition software.

19. (original)   The computer data signal of claim 17, wherein:

the customer requirements are communicated in writing; and

said machine-readable transcript of the customer requirements is generated with optical character recognition software.

20. (original)   The computer data signal of claim 17, wherein said machine-readable transcript of the customer requirements is generated from a computer file.

21. (original)   The computer data signal of claim 17, wherein said mapping said output of said lexical analysis into object-oriented constructs further comprises:

mapping nouns from said lexical analysis to objects; and

mapping verbs from said lexical analysis to process flows between said objects.

22. (original)   The computer data signal of claim 21, wherein said mapping said output of said lexical analysis into object-oriented constructs further comprises:

mapping pronouns from said lexical analysis to said nouns antecedent

6

thereto;

mapping adjectives from said lexical analysis to said nouns; and

mapping prepositions from said process flows between said objects.

23. (original) The computer data signal of claim 17, wherein said high-level language design is created in a language selected from the group consisting of C++, Java, and ADA.

24. (original) The computer data signal of claim 17, further comprising:

implementing a first-order predicate calculus analysis of said machine-readable transcript, said first-order predicate calculus used for additional mapping into said object-oriented constructs.

7